

Attorney Docket No.: 0152-15100
 Client Ref. No.: E-128-0

PTO/SB/01A (10-00)

Approved for filing through 10/31/2002, OMB 0651-0032
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☒ The attached application, or
☐ Application No. _____, filed on _____
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one Samir N. Khleif Date: 3/13/01

Signature: [Signature] Citizen of: United States

Inventor two Jay A. Berzofsky Date: 3/13/2001

Signature: [Signature] Citizen of: United States

Inventor three _____ Date: _____

Signature: _____ Citizen of: _____

Inventor four _____ Date: _____

Signature: _____ Citizen of: _____

☐ Additional inventors are being named on _____ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
 SE 5007276 v1

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PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB C651-0035

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	
	Filing Date	
	First Named Inventor	Samir N. Khleif
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	015280415100

I hereby appoint:

☒ Practitioners at Customer Number

OR

20350

 Place Customer
Number Bar Code
Label here

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Samir N. Khleif

Signature

Date

3/13/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. see below.

☐ *Total of forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0851-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Samir N. Khleif
Group Art Unit	
Examiner Name	
Attorney Docket Number	015280415100

I hereby appoint:

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Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Jay A. Berzofsky
Signature	
Date	3/13/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

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SE 5007277 v1

ASSIGNMENT

JOINT

WHEREAS, We, Samir N. Khleif and Jay A. Berzofsky, employees of the Department of Health and Human Services at the time the invention was made, have invented: **METHODS AND COMPOSITIONS FOR CO-STIMULATION OF IMMUNOLOGICAL RESPONSES TO PEPTIDE ANTIGENS**, for which an application to the Assistant Commissioner for Patents for grant of Letters Patents of the United States of America has been executed by the undersigned

☐ on (date(s) Declaration signed):

☒ is identified as U.S. Patent Application:
Serial No. 60/189,396

Filed March 15, 2000; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign, and transfer unto The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and interest throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file the invention described in the aforesaid application for Letters Patent of the United States of America, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

AND, we hereby authorize and request the Assistant Commissioner for Patents to issue said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest in and to the same throughout the United States of America, its territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent and Registrations may be granted

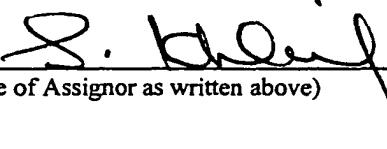
thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters Patent which will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furnish and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted hereunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and we shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

The undersigned hereby grants THE GOVERNMENT or the law firm of Townsend and Townsend and Crew LLP, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.


(signature of Assignor as written above)

8/31/2000
(date)

STATE OF MARYLAND)
)
COUNTY OF MONTGOMERY)

UNITED STATES OF AMERICA

On 31 AUG. 2000 before me, MARIA PICKARD (here insert name and title of the officer), personally appeared Samir N. Khleif, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to

the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, execute the instrument.

WITNESS my hand and official seal.

Signature

[Signature]
COMMISSION EXPIRES 03 APR 2004

[Signature]
(signature of Assignor as written above)

24 August, 2000
(date)

STATE OF MARYLAND)

COUNTY OF MONTGOMERY)

UNITED STATES OF AMERICA

On 8/24/00, before me, MARGARET L. TOMCZAK, NP (here insert name and title of the officer), personally appeared Jay A. Berzofsky, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, execute the instrument.

WITNESS my hand and official seal.

Signature

[Signature]

MY COMMISSION EXPIRES
MARCH 1, 2003
MARGARET L. TOMCZAK
NOTARY PUBLIC

(Seal)

SE 5003144 v1



015.80-415000US

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 10, 2001

TOWNSEND AND TOWNSEND AND CREW LLP
JEFFREY J. KING
TWO EMBARCADERO CENTER, 8TH FLOOR
SAN FRANCISCO, CALIFORNIA 94111-3834



101515718A

JJ King
JC918 U.S. PTO
09/810310
03/14/01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/25/2000

REEL/FRAME: 011223/0601
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
KHLEIF, SAMIR N.

DOC DATE: 08/31/2000

ASSIGNOR:
BERZOFKY, JAY A.

DOC DATE: 08/24/2000

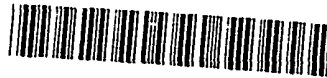
ASSIGNEE:
GOVERNMENT OF THE UNITED STATES OF
AMERICA, AS REPRESENTED BY THE
DEPARTMENT OF HEALTH AND HUMAN
SERVICES, THE
6011 EXECUTIVE BOULEVARD, SUITE
325
ROCKVILLE, MARYLAND 20852

SERIAL NUMBER: 60189396
PATENT NUMBER:

FILING DATE: 03/15/2000
ISSUE DATE:

011223/0601 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1595
(Rev. 6-93)

101515718

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Samir N. Khleif
Jay A. Berzofsky

Handwritten: 9/25

Additional name(s) of conveying parties attached? ☐ Yes☒ No.

2. Name and address of receiving party(ies)

Name: THE GOVERNMENT OF THE UNITED STATES OF
AMERICA, as represented by the Department of Health
and Human Services

Internal Address:

Street Address: 6011 Executive Boulevard, Suite 325

City: Rockville State: Maryland ZIP: 20852

Additional names and addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other:

Execution Date(s): August 24 2000 and August 31, 2000

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 60/189,396

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Jeffrey J. King
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(206) 467-9600

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$40

☐ Enclosed ☒ Charge Fees to Deposit Account☒ Charge any additional fees associated with this paper or during
the pendency of this application, or credit any overpayment, to
deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the
original document.*Jeffrey J. King
Name of Person Signing

Signature

Handwritten: 9/19/00

Date

Atty Reg. No. 38,515

Total number of pages including cover sheet, attachments and document 4

10. Change Correspondence Address to that of Part 5? ☒ Yes ☐ No

OMB No. 0651-0011 (exp. 4/94)

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